

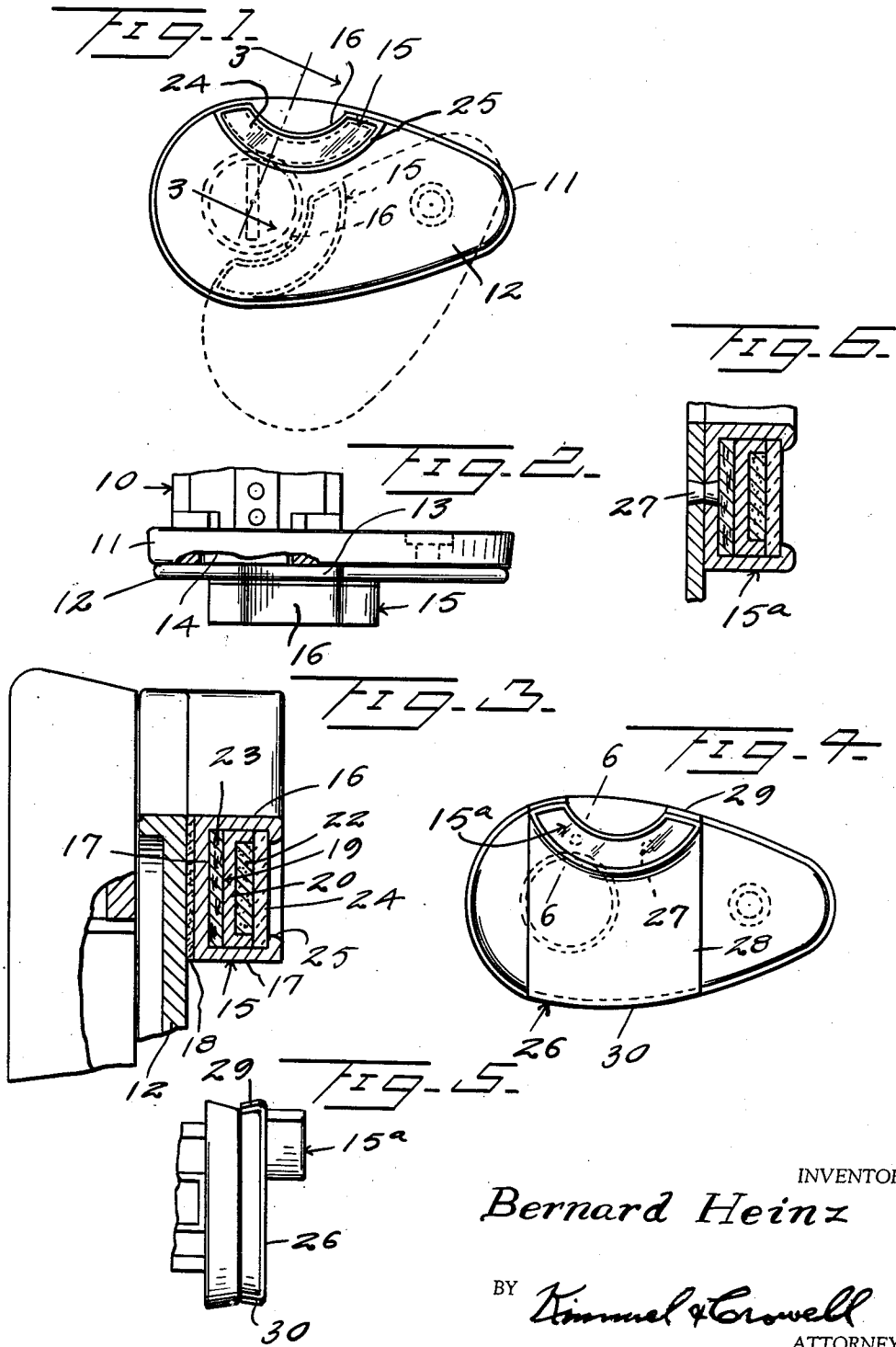
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LUMINOUS ATTACHMENT FOR THE COVER PLATE OF VEHICLE LOCKS

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LUMINOUS ATTACHMENT FOR THE COVER
PLATE OF VEHICLE LOCKS

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1 Claim. (Cl. 250-76)

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This invention relates to a luminous attachment or part adapted for mounting on or in the cover plate of a vehicle door lock.

An object of this invention is to provide a luminous attachment which is constructed to hold radium or other luminous material and to provide a luminous guide for the key in inserting the key in the door lock.

In one form of this invention the attachment is cemented or otherwise firmly secured to the cover plate for the door lock; whereas, in the modified form of this invention the device is provided with a clip or clamping means engageable with the cover plate so as to firmly secure the luminous key guide to the cover plate.

With the above and other objects in view, my invention consists in the arrangement, combination and details of construction disclosed in the drawings and specification, and then more particularly pointed out in the appended claim.

In the drawing:

Figure 1 is a detailed front elevation of a luminous attachment constructed according to an embodiment of this invention mounted on the cover plate of a door lock.

Figure 2 is a fragmentary plan view partly in section of the device.

Figure 3 is a fragmentary sectional view taken on the line 3-3 of Figure 1.

Figure 4 is a detailed front elevation of a modified form of this invention.

Figure 5 is a detailed end elevation of the structure shown in Figure 4.

Figure 6 is a fragmentary sectional view taken on the line 6-6 of Figure 4.

Referring to the drawing, the numeral 10 designates generally a door lock for a vehicle which is provided with an escutcheon plate 11 of substantially tear drop configuration. A cover plate 12 is pivotally secured to the escutcheon 11 and is spring pressed to a normal lock barrel covering position. The cover plate 12 is formed in the upper edge thereof with an arcuate cutout 13 which provides a guide for the key and assists in the downward swinging of the cover plate to facilitate the insertion of the key in the keyhole of the lock barrel 14. An arcuate holder generally designated as 15 is secured to the outer side of the cover plate 12 and is formed of a pair of longitudinally curved walls 16 and 17. The wall 16 is provided with a concave upper side following the configuration of the arcuate cutout 13. The holder 15 also includes a bottom wall 17 which is adapted to be cemented or otherwise

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firmly secured as indicated at 18 to the cover plate 12.

A receptacle 19 is disposed within the holder 15 and is formed of an arcuate bottom wall having marginal flanges 21. A luminous material 22 such as radium or the like is disposed within the receptacle 19, and this material 22 is preferably formed of radium or the like. Cushion member 23 in the form of cork or the like is interposed between the receptacle 19 and the bottom wall 17 of the holder 15. A transparent segmental panel 24 engages over the outer side of the receptacle 19 and the panel 24 is firmly secured against the receptacle 19 by crimping 25 of the outer edges of the walls 16 and 17 of holder 15.

Referring now to Figures 4, 5, and 6 there is disclosed a luminous holder 15a which is identical with the holder 15. The holder 15a is secured to a clip member 26 by fastening means 27 in the form of rivets or the like. The clip member 26 embodies a relatively thin resilient plate 28 which is formed with a pair of clamping fingers 29 on the upper edge thereof and is also formed with a clamping flange 30 on the lower edge thereof.

I claim:

In combination, a spring-pressed cover plate for a door lock having an arcuate cutout in one edge thereof, a segmental holder including flanges extending inwardly toward each other from the arcuate edges thereof fixed to said plate with the concave side thereof flush with said cutout, a segmental receptacle in said holder, a cushion element in said holder, a luminous element seated on said cushion element in said receptacle, and a transparent member in said holder overlying said luminous element and engaging on the outer side of said receptacle, said flanges securing said transparent member and hence said luminous element, cushion element and receptacle in said holder.

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